

# Cumulative Table of Contents

Volume 10, 1992

## Volume 10, Number 1, February 1992 New Technologies in Reproductive Endocrinology James H. Liu, M.D., Guest Editor

- The Hemizona Assay (HZA) and Considerations for Its Use in Assisted Reproductive Technology  
*Charles C. Coddington III, M.D.—1*
- The Use of Laser Optical Traps for Sperm Manipulation  
*José M. Colón, M.D.—9*
- Embryo Micromanipulation in Reproductive Medicine  
*John E. Buster, M.D., Sandra A. Carson, M.D., and Brijinder S. Minhas, Ph.D.—17*
- New Techniques in Bone Imaging for Determination of Bone Density  
*Reta C. Rupich, Ph.D.—27*
- Doppler: A Refinement to Standard Transvaginal Ultrasonography for the Gynecologist  
*Dominique de Ziegler, M.D., and Marcelle I. Cedars, M.D.—34*
- Expression of Recombinant Human FSH, LH, and CG in Mammalian Cells: A Structure-Function Model for Therapeutic Drug Design  
*I. Boime, J. Keene, A.B. Galway, F.M. Fares, P. LaPolt, and A.J.W. Hsueh—45*
- Clinical Applications of the Falloposcope  
*John F. Kerin, M.D., Ph.D., and Eric S. Surrey, M.D.—51*
- Editor's Formulation  
*James H. Liu, M.D.—58*

## Volume 10, Number 2, May 1992 Pregnancy Proteins: Basic Concepts and Clinical Applications Glenn D. Braunstein, M.D., Guest Editor

- Pregnancy Protein Secretion  
*Tim Chard, M.D., and Jurgis G. Grudzinkas, M.D.—61*
- Early Pregnancy Factor  
*Halle Morton, Ph.D., Barbara E. Rolfe, Ph.D., and Alice C. Cavanagh, Ph.D.—72*
- Placental Growth Factors and Releasing/Inhibiting Peptides  
*Diane Prager, M.D., Matthias M. Weber, M.D., and Vivien Herman-Bonert, M.D.—83*

- Human Chorionic Gonadotropin  
*Song-Guang Ren, M.D., and Glenn D. Braunstein, M.D.—95*
- Placental Lactogen, Placental Growth Hormone, and Decidual Prolactin  
*Stuart Handwerger, M.D., and Anoop Brar, Ph.D.—106*
- Pregnancy-Specific  $\beta_1$ -Glycoprotein  
*Janice Yang Chou, Ph.D., and Cathie A. Plouzek, Ph.D.—116*
- Pregnancy-Associated Plasma Protein-A  
*Paul Bischof, Ph.D.—127*
- Placental Alkaline Phosphatase  
*Sonoko Narisawa, B.Sc., and José Luis Millán, Ph.D.—136*
- Oxytocinase: Placental Cystine Aminopeptidase or Placental Leucine Aminopeptidase (P-LAP)  
*Shigehiko Mizutani, M.D., and Yutaka Tomoda, M.D.—146*
- Insulin-Like Growth Factor Binding Protein-1  
*Eeva-Marja Rutanen, M.D.—154*
- Placental Protein 14/Progesterone-Associated Endometrial Protein Revisited  
*Markku Seppälä, M.D., Leena Riittinen, M.Sc., Meerit Kämäräinen, M.Sc., Torstein Wahlström, M.D., and Mervi Julkunen, M.D.—164*
- Alpha-Fetoprotein  
*Dru E. Carlson, M.D., and Raymond Allen, M.D.—172*
- Editor's Formulation  
*Glenn D. Braunstein, M.D.—180*

## Volume 10, Number 3, August 1992 Prolactin in Women John A. McCoshen, Ph.D., Guest Editor

- Molecular Biology of Prolactin: Cell-Specific and Endocrine Regulators of the Prolactin Gene  
*Harry P. Elsholtz, Ph.D.—183*
- The Immunology of Prolactin  
*Istvan Berczi, D.V.M., Ph.D.—196*
- Prolactin and the Human Menstrual Cycle  
*John R. Brumsted, M.D., and Daniel H. Riddick, M.D., Ph.D.—220*
- Etiology and Treatment of Hyperprolactinemia  
*Basil Ho Yuen, M.B., F.R.C.S.(C)—228*

**Hyperprolactinemia and Polycystic Ovarian Syndrome**  
Howard A. Zacur, M.D., Ph.D.,  
and Giraud V. Foster, M.D., Ph.D.—236

**Hyperprolactinemia Blunts Awareness of Distress and Depression: Evidence for a Specific Behavioral and Environmental Setting for Galactorrhea—Amenorrhea**  
John E. Tyson, M.D., Howard A. Zacur, M.D., Ph.D.,  
Janice Huth, B.S., and Natalia Chapanis—246

**Prolactin Physiology in the Etiology of Breast Cancer**  
P. Audrey Fernandes, Ph.D.—258

**Cystic Fibrosis: Studies in the Role of Prolactin in a Gene Disorder**  
Maria T. Robertson, M.D.—266

**Maternal and Fetal Prolactin**  
Oscar A. Kletzky, M.D.—282

**The Role of Prolactin in Fetal Lung Maturation**  
Jeanne M. Snyder, Ph.D.,  
and Steven A. Dekowski, M.D.—287

**Uterine Prolactin and Labor: Modulation by Human Chorionic Gonadotropin Affects Prostaglandin (PG) E<sub>2</sub> and PGF<sub>2α</sub> Production**  
John A. McCoshen, Ph.D., Ratna Bose, Ph.D.,  
and Joanne E. Embree, M.D.—294

**Editor's Formulation**  
John A. McCoshen, Ph.D.—299

# **Volume 10, Number 4, November 1992**

## **Leiomyoma Uteri**

**Robert L. Barbieri, M.D., Guest Editor**

**Uterine Leiomyomas: The Somatic Mutation Theory**  
Robert L. Barbieri, M.D.,  
and Janet Andersen, Ph.D.—301

**Biology of Uterine Myomas and Myometrium *In Vitro***  
Mitchell S. Rein, M.D.,  
and Romana A. Nowak, Ph.D.—310

**Epidemiology of Myomas**  
Daniel W. Cramer, M.D., Sc.D.—320

**Pathology of Leiomyomas**  
Robert E. Scully, M.D.—325

**Myomas, Reproductive Function, and Pregnancy**  
Gabriele Rossi, M.D.,  
and Michael P. Diamond, M.D.—332

**Uterine Myomas and Cancer**  
Cheryl Hamlin, M.D., and Neil J. Finkler, M.D.—339

**Steriodal Treatment of Myomas: Preoperative and Long-Term Medical Therapy**  
Elizabeth A. Stewart, M.D.,  
and Andrew J. Friedman, M.D.—344

**Abdominal Myomectomy: Reducing the Risk of Hemorrhage**  
Anne K. Wiskind, M.D.,  
and John D. Thompson, M.D.—358

**Surgical Approach to Myomas: Laparoscopy and Hysterectomy**  
Michael R. Drews, M.D.,  
and J. Victor Reyniak, M.D.—367

**Indications for Myomectomy**  
Veasy C. Buttram, M.D.,  
and Michael C. Snabes, M.D., Ph.D.—378

**Abdominal and Vaginal Hysterectomy for Uterine Myomas: Surgery Combined with Medical Therapy**  
Thomas G. Stovall, M.D.

**Editor's Formulation**  
Robert L. Barbieri, M.D.—390

**Author Index—392**

**Cumulative Table of Contents—393**

